

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



10/539098



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/002239 A3

(51) International Patent Classification⁷: A61K 35/78

(21) International Application Number:
PCT/US2003/020459

(22) International Filing Date: 27 June 2003 (27.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/392,676 28 June 2002 (28.06.2002) US

(71) Applicant (for all designated States except US): PHARMACHEM LABORATORIES, INC. [US/US]; 265 Harrison Avenue, Kearny, NJ 07032 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): SKOP, Mitchell [US/US]; 30 Venus Drive, Closter, NJ 07624 (US). CHOKSHI, Dilip [US/US]; 9 Patrician Court, Parsippany, NJ 07054 (US).

(74) Agents: BARON, Ronald, J. et al.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
18 March 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PURIFIED AMYLASE INHIBITOR AND NOVEL PROCESS FOR OBTAINING THE SAME

(57) Abstract: The present invention provides a purified amylase inhibitor obtained by a superior process that includes extracting ground beans with supercritical carbon dioxide. The invention also provides a method for inducing weight loss in a mammal in need thereof comprising administering to the mammal, an effective amount of an amylase inhibitor obtained by the superior process. A method for improving post-prandial glucose tolerance in a diabetic mammal comprising administering to the mammal, an effective amount of an amylase inhibitor obtained by the superior process, is also provided.

WO 2004/002239 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/20459

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 35/78

US CL : 424/78

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/78

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3,950,319 A (SCHMIDT et al.) 13 April 1976 (13.04.76), see the entire document.	1-14
A	US 4,910,297 A (ZAWISTOWSKA) 20 March 1990 (20.03.90), see the entire document.	1-14
A	US 5,726,291 A (MIYAZAKI et al.) 10 March 1998 (10.03.98), see the entire document.	1-14

☐ Further documents are listed in the continuation of Box C.

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Date of the actual completion of the international search

07 October 2003 (07.10.2003)

Date of mailing of the international search report

12 DEC 2003

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Raymond J. Henley III

Telephone No. 703-308-1235

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Authorized officer

Raymond J. Henley III

Telephone No. 703-308-1235